

FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

K-C 13485.1

LIST OF PRIOR ART CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT(S)

Joseph Daniel COENEN et al.

FILING DATE

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SP	AA	4,837,715	06/1989	Ungpiyakul et al.	364	552	
	AB	4,940,464	07/1990	Van Gompel et al.	604	396	
	AC	5,046,272	09/1991	Vogt et al.	38	143	
	AD	5,104,116	04/1992	Pohjola	271	185	
	AE	5,224,405	07/1993	Pohjola	83	24	
	AF	5,335,515	08/1993	Ungpiyakul et al.	364	469	
	AG	5,359,525	10/1994	Weyenberg	364	469	
	AH	2,682,909	07/1954	Claff et al.	154	1.7	
	AI	2,990,173	06/1961	Melville	270	52	
	AJ	3,004,880	10/1961	Lord	156	64	
	AK	3,127,292	03/1964	Early	156	64	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	009 739	04/1980	EPO	B65C	3/16		
	AM	011 967	06/1980	EPO	B65C	9/42		
	AN	58 201611	11/1983	Japan	B29C	27/00		
	AO	58220039	12/1983	Japan (Abstract)	B65H	25/24		
	AP	1 158 537	12/1983	Canada	B65B	41/18		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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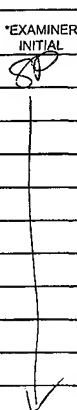
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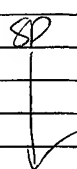
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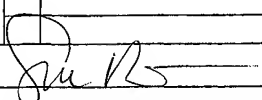
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA	3,276,183	10/1966	Carlisle, Jr., et al.	53	51	
	AB	3,294,301	12/1966	Richter	226	27	
	AC	3,326,436	06/1967	Huck	226	25	
	AD	3,559,568	02/1971	Stanley	101	32	
	AE	3,589,095	06/1971	James et al.	53	51	
	AF	3,762,125	10/1973	Prena	53	51	
	AG	3,806,390	04/1974	Balk et al.	156	229	
	AH	3,811,987	05/1974	Wilkinson et al.	156	497	
	AI	3,887,419	06/1975	Geschwender	156	197	
	AJ	3,978,637	09/1976	Mauriello	53	28	
	AK	4,007,866	02/1977	Traise	226	31	

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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	AL	2 559 037	02/1984	France	A41B	13/02	
	AM	1 163 548	03/1984	Canada	B65B	41/18	
	AN	148 115	11/1984	France	A41B	13/02	
	AO	2 170 486	08/1986	United Kingdom	B65H	39/16	
	AP	63-5927	01/1988	Japan	29C	65/48	

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SP	AA	4,018,028	04/1977	Donnet	53	51	
	AB	4,070,226	01/1978	Crathern et al.	156	364	
	AC	4,129,238	12/1978	Herd	226	29	
	AD	4,135,664	01/1979	Resh	235	475	
	AE	4,239,570	12/1980	Kerwin	156	163	
	AF	4,248,655	02/1981	Kerwin	156	351	
	AG	4,254,173	03/1981	Peer, Jr.	428	204	
	AH	4,295,912	10/1981	Burns	156	324	
	AI	4,315,508	02/1982	Bolick	128	289	
	AJ	4,316,566	02/1982	Arleth et al.	226	2	
	AK	4,322,026	03/1982	Young, Jr.	226	15	
FOREIGN PATENT DOCUMENTS							
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SP	AL	88/03089	05/1988	PCT	B32B	31/18	
	AM	1,253,062	04/1989	Canada	B32B	31/08	
	AN	2,016,529	11/1990	Canada	B32B	3/00	
	AO	90/11886	10/1990	PCT	B31F	1/20	
	AP	90/11887	10/1990	PCT	B31F	1/28	
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SP	AA	4,349,997	09/1982	Hayasaka et al.	53	51	
	AB	4,392,910	07/1983	Tokuno et al.	156	361	
	AC	4,397,704	08/1983	Frick	156	201	
	AD	4,397,709	08/1983	Schwenzer	156	351	
	AE	4,400,230	08/1983	Wysłotsky	156	361	
	AF	4,417,935	11/1983	Spencer	156	80	
	AG	4,496,417	01/1985	Haake et al.	156	361	
	AH	4,543,141	09/1985	Bradley et al.	156	164	
	AI	4,549,917	10/1985	Jensen, Jr.	156	108	
	AJ	4,572,752	02/1986	Jensen et al.	156	64	
	AK	4,576,663	03/1986	Bory	156	64	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
SP	AL	1,283,814	05/1991	Canada	A61F	13/15		
	AM	2,044,792	05/1992	Canada	G05D	005/04		
	AN	1,287,295	08/1991	Canada	B65B	9/04		
	AO	2,115,455	03/1993	Canada	E04C	002/24		
	AP	2,121,140	04/1993	Canada	B32B	003/00		

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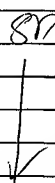
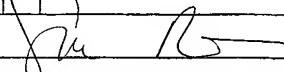
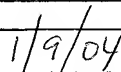
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA	4,610,739	09/1986	Jensen	156	64		
	AB	4,615,695	10/1986	Cooper	604	385A		
	AC	4,662,875	05/1987	Hirotsu et al.	604	389		
	AD	4,704,171	11/1987	Thompson et al.	156	64		
	AE	4,711,683	12/1987	Merkatoris	156	164		
	AF	4,795,513	01/1989	Jensen, Jr.	156	108		
	AG	4,819,406	04/1989	Redmond	53	51		
	AH	4,837,715	06/1989	Ungpiyakul et al.	364	552		
	AI	4,883,549	11/1989	Frost et al.	156	161		
	AJ	4,888,717	12/1989	Ditto et al.	364	559		
	AK	4,909,879	03/1990	Ball	156	164		
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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	AL	2,084,837	06/1993	Canada	B32B	003/10		
	AM	547 497	06/1993	EPO	A61F	13/15		
	AN	589 859	03/1994	EPO	A61F	13/15		
	AO	94/08789	04/1994	PCT	B32B	31/08		
	AP	1,336,256	07/1995	Canada	B32B	31/18		
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SP	AA	4,935,087	06/1990	Gilman	156	251	
	AB	4,940,464	07/1990	Van Gompel et al.	604	396	
	AC	5,045,135	09/1991	Meissner et al.	156	64	
	AD	5,094,708	03/1992	Bechtel et al.	156	351	
	AE	5,162,066	11/1992	Martensson et al.	156	163	
	AF	5,185,055	02/1993	Temple et al.	156	630	
	AG	5,200,020	04/1993	Collins et al.	156	520	
	AH	5,221,058	06/1993	Fillis	242	57.1	
	AI	5,235,515	08/1993	Ungpiyakul et al.	364	469	
	AJ	5,269,123	12/1993	Marchesini	53	559	
	AK	5,304,272	04/1994	Rohrbacker et al.	156	209	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
SP	AL	737 638	10/1996	EPO	B65H	23/188		
	AM	95/18590	07/1995	PCT	A61F	13/15		
	AN	97/24094	07/1997	PCT	A61F	13/15		
	AO	97/24283	07/1997	PCT	B65H	39/16		
	AP	98/21134	05/1998	PCT	B65H	39/14		

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SP	AA	5,359,525	10/1994	Weyenberg	364	469	
	AB	5,366,791	11/1994	Carr et al.	428	195	
	AC	5,383,988	01/1995	Herrmann et al.	156	64	
	AD	5,389,093	02/1995	Howell	604	361	
	AE	5,470,411	11/1995	Gloton et al.	156	64	
	AF	5,483,893	01/1996	Isaac et al.	101	485	
	AG	5,492,591	02/1996	Herrmann et al.	156	538	
	AH	5,575,782	11/1996	Hasse et al.	604	385.1	
	AI	5,591,152	01/1997	Buell et al.	604	385.2	
	AJ	5,766,389	06/1998	Brandon et al.	156	64	
✓	AK	5,818,719	10/1998	Brandon et al.	364	469.04	

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SD	AA	5,930,139	07/1999	Chapdelaine et al.	364	468.25	
	AB	5,932,039	08/1999	Popp et al.	156	64	
✓	AC	4,680,080	07/1987	Instance	156	357	
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